

## **ABSTRACT**

This invention is directed to a method and apparatus for providing low, predictable latencies in processing IP packets. The apparatus provides a specialized microprocessor  
5 or hardwired circuitry to process IP packets for video communications and control of the video source without an operating system. The method relates to operation of a microprocessor which is suitably arranged to carry out the steps of the method. The method includes details of operation of the specialized microprocessor.